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011203024 **Image available**
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Forceps type surgical instrument - has jaw pieces at distal end with at least one jaw having extending key which engages in slot in inner tube which slides within outer tube

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Number of Countries: 019 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19534618	A1	19970320	DE 1034618	A	19950918	199717 B
WO 9710760	A2	19970327	WO 96EP4023	A	19960913	199718
WO 9710760	A3	19970417	WO 96EP4023	A	19960913	199731

Priority Applications (No Type Date): DE 1034618 A 19950918

Cited Patents: EP 119405; EP 513471; FR 2082987; US 4971067; US 5275615; WO 9400059

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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DE 19534618	A1	12	A61B-017/00
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WO 9710760	A2 G	25	A61B-017/28
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Designated States (National): JP US

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC
 NL PT SE

WO 9710760	A3	A61B-017/00
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Abstract (Basic): DE 19534618 A

The surgical instrument has a distal jaw section comprised of two jointly acting jaw parts (2,3) whereby at least one of the jaw parts (3) is movably connected to an inner tube (5). The inner tube is arranged within an outer tube (7) in which it can slide. The same jaw part turns around an axial pin (4) connected to the outer tube. The turning jaw piece has a projecting key (22) which engages in a slot (25) in the inner tube and which can move freely in it. The jaw piece has a working section (20) which acts against the edge of the other jaw.

ADVANTAGE - Improved opening and closing of jaws whilst remaining easy to clean

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